

**IT IS THE VENDOR'S RESPONSIBILITY TO
CHECK FOR ADDENDA PRIOR TO SUBMITTING PROPOSALS**

NOTICE TO BIDDERS SPECIFICATION NO. 04-150

The City of Lincoln, Nebraska intends to purchase and invites you to submit a sealed bid for:

Two (2) level Fire Safety House

Sealed bids will be received by the City of Lincoln, Nebraska on or before 12:00 noon Wednesday, June 23, 2004 in the office of the Purchasing Agent, Suite 200, K Street Complex, Southwest Wing, 440 South 8th Street, Lincoln, Nebraska 68508. Bids will be publicly opened and read at the K Street Complex.

Bidders should take caution if U.S. mail or mail delivery services are used for the submission of bids. Mailing should be made in sufficient time for bids to arrive in the Purchasing Division, prior to the time and date specified above.

PROPOSAL
SPECIFICATION NO. 04-150
BID OPENING TIME: 12:00 NOON
DATE: Wednesday, June 23, 2004

The undersigned, having full knowledge of the requirements of the City of Lincoln for the below listed phases and the contract documents (which include Notice, Instructions, this Proposal, Specifications, Contract, and any and all addenda) and all other conditions of the Proposal, agrees to enter into a contract with the City the below listed fees for the performance of this Specification, complete in every respect, in strict accordance with the contract documents at and for fees listed below.

ADDENDA RECEIPT: The receipt of addenda to the specification numbers _____ through _____ are hereby acknowledged. Failure of any submitter to receive any addendum or interpretation of the specifications shall not relieve the submitter from any obligations specified in the request. All addenda shall become part of the final contract document.

Qty.	Unit	Description	Unit cost	Total Cost
One (1) Each	Two (2) level Fire Safety House	Lump Sum	\$_____	

BID SECURITY REQUIRED: _____ **YES** **NO** X

AFFIRMATIVE ACTION PROGRAM: Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16). The Equal Opportunity Officer will determine compliance or non-compliance with the City's policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

RETURN 2 COMPLETE COPIES OF PROPOSAL AND SUPPORTING MATERIAL.
MARK OUTSIDE OF BID ENVELOPE: SEALED BID FOR SPEC. 04-150

COMPANY NAME

BY (Signature)

STREET ADDRESS or P.O. BOX

(Print Name)

CITY, STATE ZIP CODE

(Title)

TELEPHONE No. FAX No.

(Date)

**EMPLOYER'S FEDERAL I.D. NO.
OR SOCIAL SECURITY NUMBER**

ESTIMATED DELIVERY DAYS

E-MAIL ADDRESS

TERMS OF PAYMENT

Bids may be inspected in the Purchasing Division offices during normal business hours, after tabulation by the purchasing agent. If you desire a copy of the bid tabulation to be mailed to you, you must enclose a self-addressed stamped envelope with your bidding documents. Bid tabulations can also be viewed on our website at: lincoln.ne.gov Keyword: Bids

INSTRUCTIONS TO BIDDERS

CITY OF LINCOLN, NEBRASKA PURCHASING DIVISION

1. BIDDING PROCEDURE

- 1.1 Bidder shall submit two (2) complete sets of the bid documents and all supporting material. All appropriate blanks shall be completed. Any interlineation, alteration or erasure on the specification document shall be initialed by the signer of the bid. Bidder shall not change the proposal form nor make additional stipulations on the specification document. Any amplified or qualifying information shall be on the bidder's letterhead and firmly attached to the specification document.
- 1.2 Bid prices shall be submitted on the Proposal Form included in the bid document.
- 1.3 Bidders may submit a bid on an "all or none" or "lump sum" basis, but should also submit a quotation on an item-by-item basis. Bidding documents shall be clearly marked indicating the kind of proposal being submitted.
- 1.4 Each bid must be legibly printed in ink or by typewriter, include the full name, business address, and telephone number of the bidder; and be signed in ink by the bidder.
- 1.5 A bid by a firm or organization other than a corporation must include the name and address of each member.
- 1.6 A bid by a corporation must be signed in the name of such corporation by a duly authorized official thereof.
- 1.7 Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization.
- 1.8 Bids received after the time and date established for receiving bids will be rejected.

2. BIDDER'S SECURITY

- 2.1 Bid security, as a guarantee of good faith, in the form of a certified check, cashier's check, or bidder's bond, may be required to be submitted with this bid document, as indicated on the Proposal Form.
- 2.2 If alternate bids are submitted, only one bid security will be required, provided the bid security is based on the amount of the highest gross bid.
- 2.3 Such bid security will be returned to the unsuccessful bidders when the award of bid is made.
- 2.4 Bid security will be returned to the successful bidder(s) as follows:
 - 2.4.1 For single order bids with specified quantities: upon the delivery of all equipment or merchandise, and upon final acceptance by the City.
 - 2.4.2 For all other contracts: upon approval by the City of the executed contract and bonds.
- 2.5 City shall have the right to retain the bid security of bidders to whom an award is being considered until either:
 - 2.5.1 A contract has been executed and bonds have been furnished.
 - 2.5.2 The specified time has elapsed so that the bids may be withdrawn.
 - 2.5.3 All bids have been rejected.

- 2.6 Bid security will be forfeited to the City as full liquidated damages, but not as a penalty, for any of the following reasons, as pertains to this specification document:

- 2.6.1 If the bidder fails to deliver the equipment or merchandise in full compliance with the accepted proposal and specifications.
- 2.6.2 If the bidder fails or refuses to enter into a contract on forms provided by the City, and/or if the bidder fails to provide sufficient bonds or insurance within the time period as established in this specification document.

3. EQUAL OPPORTUNITY

- 3.1 Each bidder agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, disability, age, or marital status. Bidder shall fully comply with the provisions of Chapter 11.08 of the Lincoln Municipal Code.
- 3.2 Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16).
- 3.3 The Equal Opportunity Officer will determine compliance or non-compliance with the City's Affirmative Action Policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

4. DATA PRIVACY

- 4.1 Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, copyrights, patents and patent rights.
- 4.2 The bidder agrees to hold the City harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.

5. BIDDER'S REPRESENTATION

- 5.1 Each bidder by signing and submitting a bid, represents that the bidder has read and understands the specification documents, and the bid has been made in accordance therewith.
- 5.2 Each bidder for services further represents that the bidder is familiar with the local conditions under which the work is to be done and has correlated the observations with the requirements of the bid documents.

6. INDEPENDENT PRICE DETERMINATION

- 6.1 By signing and submitting this bid, the bidder certifies that the prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder prior to bid opening directly or indirectly to any other bidder or to any competitor; no attempt has been made, or will be made, by the bidder to induce any person or firm to submit, or not to submit, a bid for the purpose of restricting competition.

7. CLARIFICATION OF SPECIFICATION DOCUMENTS

- 7.1 Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents.
- 7.2 Bidders desiring clarification or interpretation of the specification documents shall make a written request which must reach the Purchasing Agent at least seven (7) calendar days prior to the date and time for receipt of bids.
- 7.3 Interpretations, corrections and changes made to the specification documents will be made by written addenda.
- 7.4 Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City; and bidders shall not rely upon such interpretations or changes.

8. ADDENDA

- 8.1 Addenda are written instruments issued by the City prior to the date for receipt of bids which modify or interpret the specification document by addition, deletion, clarification or correction.
- 8.2 Addenda will be mailed or delivered to all who are known by the City to have received a complete set of specification documents.
- 8.3 Copies of addenda will be made available for inspection at the office of the Purchasing Agent.
- 8.4 No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except an addendum withdrawing the invitation to bid, or an addendum which includes postponement of the bid.
- 8.5 Bidders shall ascertain prior to submitting their bid that they have received all addenda issued, and they shall acknowledge receipt of addenda on the proposal form.

9. ANTI-LOBBYING PROVISION

- 9.1 During the period between the bid close date and the contract award, bidders, including their agents and representatives, shall not directly discuss or promote their bid with any member of the City Council or City Staff except in the course of City-sponsored inquiries, briefings, interviews, or presentations, unless requested by the City.

10. BRAND NAMES

- 10.1 Wherever in the specifications or proposal form brand names, manufacturer, trade name, or catalog numbers are specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow.
- 10.2 It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the satisfaction of the City that said item is equal to, or better than, the product specified.
- 10.3 Bids for alternate items shall be stated in the appropriate brand on the proposal form, or if the proposal form does not contain blanks for alternates, bidder MUST attach to the specification documents on Company letterhead a statement identifying the manufacturer and brand name of each proposed alternate, plus a complete description of the alternate items including illustrations, performance test data and any other information necessary for an evaluation. The bidder must indicate any variances by item number

from the specification document no matter how slight. Bidder must fully explain the variances from the specification document, since brochure information may not be sufficient.

- 10.4 If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City's specifications.

11. DEMONSTRATIONS/SAMPLES

- 11.1 Bidders shall demonstrate the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City.
- 11.2 Such demonstration can be at the City delivery location or a surrounding community.
- 11.3 If bidder does not have an item in the area, it will be at the bidder's expense to send appropriate City personnel to the nearest location to view and inspect proposed item(s).
- 11.4 If items are small and malleable, and the bidder is proposing an alternate product, the bidder MUST supply a sample of the exact item. Samples will be returned at bidder's expense after receipt by the City of acceptable goods. Bidders must indicate how samples are to be returned.

12. DELIVERY

- 12.1 Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise. Time required for delivery is hereby made an essential element of the bid.
- 12.2 The City reserves the right to cancel orders, or any part thereof, without obligation, if delivery is not made within the time(s) specified on the proposal form.
- 12.3 All bids shall be based upon **inside** delivery of the equipment or merchandise F.O.B. the City at the location specified by the City, with all transportation charges paid.

13. WARRANTIES, GUARANTEES AND MAINTENANCE

- 13.1 Copies of the following documents must accompany the bid proposal for all items being bid:
 - 13.1.1 Manufacturer's warranties and/or guarantees.
 - 13.1.2 Bidder's maintenance policies and associated costs.
- 13.2 As a minimum requirement of the City, the bidder will guarantee in writing that any defective components discovered within a one (1) year period after the date of acceptance shall be replaced at no expense to the City. Replacement parts of defective components shall be shipped at no cost to the City. Shipping costs for defective parts required to be returned to the bidder shall be paid by the bidder.
- 13.3 Bidder Warrants and represents to the City that all software/firmware/hardware/equipment /systems developed, distributed, installed or programmed by Bidder pursuant to this Specification and Agreement.
 - 13.3.1 That all date recognition and processing by the software/firmware/hardware/equipment/system will include the four-digit-year format and will correctly recognize and process the date of February 29, and any related data, during Leap years; and
 - 13.3.2 That all date sorting by the software /firmware/hardware/ equipment/system that includes a "year category" shall be done based on the four-digit-year format. Upon being notified in writing by the City of the failure of any software/ firmware/

hardware /equipment /systems to comply with this Specification and Agreement, Contractor will, within 60 days and at no cost to the City, replace or correct the non-complying software/ firmware/ hardware/ equipment/ systems with software/firmware/ hardware/equipment/ systems that does comply with this Specification and Agreement.

- 13.3.3 No Disclaimers: The warranties and representations set forth in this section 13.3 shall not be subject to any disclaimer or exclusion of warranties or to any limitations of Licensor's liability under this Specification and Agreement.

14. ACCEPTANCE OF MATERIAL

- 14.1 All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- 14.2 Material delivered under this proposal shall remain the property of the bidder until:
- 14.2.1 A physical inspection and actual usage of this material is made and found to be acceptable to the City; and
- 14.2.2 Material is determined to be in full compliance with the specifications and accepted proposal.
- 14.3 In the event the delivered material is found to be defective or does not conform to the specification documents and accepted proposal, then the City reserves the right to cancel the order upon written notice to the bidder and return materials to the bidder at bidder's expense.
- 14.4 Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln, Nebraska, as required by the specification documents or purchase orders.
- 14.5 Selling dealer's advertising decals, stickers or other signs shall not be affixed to equipment. Vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forgings, stampings, nameplates and logos are acceptable.

15. BID EVALUATION AND AWARD

- 15.1 The signed bid proposal shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City of purchase orders, contract award notifications, or other contract documents appropriate to the work.
- 15.2 No bid shall be modified or withdrawn for a period of ninety (90) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid.
- 15.3 In case of a discrepancy between the unit prices and their extensions, the unit prices shall govern.
- 15.4 The bid will be awarded to the lowest responsive, responsible bidder whose proposal will be most advantageous to the City, and as the City deems will best serve their requirements.
- 15.5 The City reserves the right to accept or reject any or all bids; to request rebids; to award bids item-by-item, by groups, or "lump sum"; to waive irregularities and technicalities in bids; such as shall best serve the requirements and interests of the City.

16. INDEMNIFICATION

- 16.1 The bidder shall indemnify and hold harmless the City, its members, its officers and employees from and against all claims, damages, losses, and expenses, including, but not limited to attorney's fees arising out of or resulting from the performance of the contract, provided that any such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property other than goods, materials and equipment furnished under this contract) including the loss or use resulting therefrom; is caused in whole or part by any negligent act or omission of the bidder, any subcontractor, or anyone directly or indirectly employed by any one of them or anyone for whose acts made by any of them may be liable, regardless of whether or not it is caused by a party indemnified hereunder.
- 16.2 In any and all claims against the City or any of its members, officers or employees by an employee of the bidder, any subcontractor, anyone directly or indirectly employed by any of them or by anyone for whose acts made by any of them may be liable, the indemnification obligation under paragraph 16.1 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for the bidder or any subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

17. TERMS OF PAYMENT

- 17.1 Unless other specification provisions state otherwise, payment in full will be made by the City within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.

18. LAWS

- 18.1 The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.

19. AFFIRMATIVE ACTION

- 19.1 The City of Lincoln-Lancaster County Purchasing Division provides equal opportunity for all bidders and encourages minority businesses and women's business enterprises to participate in our bidding process.

20. LIVING WAGE

- 20.1 The bidders agree to pay all employees employed in the performance of this contract, a base wage of not less than the City Living Wage per section 2.81.010 of the Lincoln Municipal Code. This wage is subject to change up or down every July.

TWO (2) LEVEL FIRE SAFETY HOUSE

1. SCOPE

- 1.1 Lincoln Fire & Rescue wishes to purchase a two (2) level Fire Safety House that can be transported through-out the Community for training children both fire safety as well as training for severe weather.

2. DIMENSIONS

Meets Spec.

YES NO

- | | | | |
|-----|-----|-----|--|
| ___ | ___ | 2.1 | The overall length shall be approximately 29'-30'. |
| ___ | ___ | 2.2 | The overall width shall be approximately 8'. |
| ___ | ___ | 2.3 | The overall height shall be approximately 11'-12' |
| ___ | ___ | 2.4 | The interior height shall be approximately 105" |

3. TRAILER

- | | | | |
|-----|-----|-----|--|
| ___ | ___ | 3.1 | The hitch ball height shall be 18". |
| ___ | ___ | 3.2 | Hitch weight shall be approximately 685#. |
| ___ | ___ | 3.3 | The axle weight shall be approximately 4,400#. |
| ___ | ___ | 3.4 | The GVWR shall be approximately 7,000#. |
| ___ | ___ | 3.5 | The GVW shall be approximately 5,085#. |
| ___ | ___ | 3.6 | Unit must be handicap accessible. |

4. FRAME & SIDEWALL CONSTRUCTION

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|-----|-----|-------|--|
| ___ | ___ | 4.1 | FRAME shall be 2X6 high strength Bull Moose tubular steel. |
| ___ | ___ | 4.1.1 | Welded battery rack on tongue with a steel tube 4x4 rear bumper and standard safety chains and rear skid bars. |
| ___ | ___ | 4.2 | SIDEWALL shall be standard RV 2x3 and 2x2 RV construction. |
| ___ | ___ | 4.2.1 | Bonded to 5/32 plywood paneling for high strength and lightweight. ABS fenders with galvanized wheel pans. |
| ___ | ___ | 4.2.2 | Hand cut fiberglass insulation in side walls. |

5. EXTERIOR

- | | | | |
|-----|-----|-----|---|
| ___ | ___ | 5.1 | The exterior of the house shall be maintenance free white fiberglass seamless one piece panels. |
| ___ | ___ | 5.2 | All windows and doors shall be sealed to the body using (Clean Seal) not putty tape. |
| ___ | ___ | 5.3 | A Lend-A-Hand folding assist grab handle shall be in place at the side entrance door. |

6. AXLES AND BRAKES

- | | | | |
|-----|-----|-------|---|
| ___ | ___ | 6.1 | A height adjustable suspension shall be in place. |
| ___ | ___ | 6.1.1 | Overall unit height and ground clearance may be adjusted with this type suspension. |
| ___ | ___ | 6.2 | The unit shall have tandem 4" drop axles 3,500# each with equalized suspension. |

6. AXLES AND BRAKES, cont.

Meets Spec.

YES NO

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|-----|-----|-----|--|
| ___ | ___ | 6.3 | The axles shall be spring leaf. 4 wheel 10 " electric brakes shall be utilized mfg by Hayes or equal. |
| ___ | ___ | 6.4 | A brake away switch shall be attached to the frame as an emergency stop, in the unlikely event of unit separation. |
| ___ | ___ | 6.5 | The inner fender pans shall be galvanized. |

7. TIRES AND WHEELS

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|-----|-----|-----|--|
| ___ | ___ | 7.1 | The tires and wheels shall be Steel belted radial ST205x75R15 tires on white painted mod 5 lug wheels. |
|-----|-----|-----|--|

8. ROOF

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|-----|-----|-----|--|
| ___ | ___ | 8.1 | The roof shall be a one-piece aluminum roof over 2x3 or 2x4 tapered rafters, with Ducted air conditioning, with at least a limited 10-year warranty. |
| ___ | ___ | 8.2 | Warranty shall be provided by roof manufacturer. |
| ___ | ___ | 8.3 | Four (4) power roof vents shall be provided. |

9. FLOOR

- | | | | |
|-----|-----|-----|---|
| ___ | ___ | 9.1 | The floor shall be constructed of 5/8" exterior grade tongue & groove plywood on 2x4 support members 12" on center. |
| ___ | ___ | 9.2 | Living room, bedroom and stairs shall be fully carpeted with a 1/2" rebond pad. |
| ___ | ___ | 9.3 | Kitchen and control room, as well as the storage compartments, shall have fully insulated floors with heavy-duty vinyl under belly for maximum weather shielding at a minimal weight. |

10. LIGHTS INTERIOR

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|-----|-----|------|--|
| ___ | ___ | 10.1 | The interior lights shall be 12-volt fluorescent lights, with lighting in the following areas: bedroom, kitchen, stairs, storage compartment, control room, and living room. |
|-----|-----|------|--|

11. LIGHTS EXTERIOR

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|-----|-----|--------|--|
| ___ | ___ | 11.1 | Standard ICC lights shall be in place as required. |
| ___ | ___ | 11.2 | All Lights shall be state of the art LED technology. |
| ___ | ___ | 11.3 | In addition to the standard lighting, high intensity LED upper body brake light and turn signals shall be installed. |
| ___ | ___ | 11.4 | There shall be three (3) 12-volt porch lights. |
| ___ | ___ | 11.4.1 | Two (2) on door side and one (1) on rear with a common switch the kitchen at the front door. |
| ___ | ___ | 11.5 | A hook up light shall be on the power tongue jack. |
| ___ | ___ | 11.6 | A 12-volt power source with an on/off switch shall be pre-wired to the roof for a strobe with the wall switch located in the control room. |

Meets Spec.

YES NO

12. WINDOWS

- ___ ___ 12.1 All windows shall be heat-treated safety glass.
- ___ ___ 12.2 The number and sizes of the windows shall be approximately:
- ___ ___ 12.2.1 One (1) each 46" x 22".
- ___ ___ 12.2.2 Three (3) each 24" x 27".
- ___ ___ 12.2.3 One (1) each 18" x 40".
- ___ ___ 12.2.4 One (1) each 24" x 15".
- ___ ___ 12.2.5 One (1) each 40" x 45" sliding bedroom window.
- ___ ___ 12.2.6 Curtains and valances shall be on all sliding windows and a
36" x 36" mini blind shall be on control room window.
- ___ ___ 12.2.7 There should be two (2) observation ports from control room to the living
room and bedroom.

13. FIREPLACE

- ___ ___ 13.1 An electric fireplace shall be located in the living room.
- ___ ___ 13.1.1 It shall have a screen and simulated brick face, with an on/off switch wall-
mounted next to the fireplace.

14. REAR DECK

- ___ ___ 14.1 Upper and lower rear deck shall be constructed of plastic lumber.
- ___ ___ 14.2 Upper deck shall be approximately 52" x 36".
- ___ ___ 14.3 Lower deck shall be approximately 41.5" x 45".
- ___ ___ 14.4 A commercially available chain escape ladder shall be bolted securely at upper and
lower deck for escape simulation.
- ___ ___ 14.4.1 The ladder shall be mounted in a manner that allows shoe clearance between
siding and ladder.
- ___ ___ 14.4.2 Treads shall come installed with a non-skid surface.

15. KITCHEN

- ___ ___ 15.1 The kitchen shall be equipped with a "safety" stove, a 4.4 cu. ft. 110-Volt
refrigerator, and a stainless steel sink.
- ___ ___ 15.1.1 The Safety Stove is a non-functional stove that has a special effects light
under one burner to give the appearance that is hot, a pan with lid that will
rotate to the unsafe position of the handle hanging over the front of the stove
which will return to the safe position with the use of a wall switch.
- ___ ___ 15.1.2 An exhaust fan and hood with light shall also be provided.
- ___ ___ 15.2 Upper and lower cabinets shall be included and the ceiling height shall be
approximately 105".

16. CONTROL ROOM

- ___ ___ 16.1 A control room shall be provided, allowing control of many educational functions:
- ___ ___ 16.1.1 A hands free 911-phone system for 911 training.
- ___ ___ 16.1.2 On/off switch for 110-volt smoke alarms.
- ___ ___ 16.1.3 An on/off switch for bedroom electrically-heated door shall be in the control
room.

16. CONTROL ROOM, cont.

Meets Spec.

YES NO

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|--|---|
| <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> | <p>16.1.4 ABS smoke ducting system (schedule 40) with control valves allowing room selection as well as an operating location and outlet for a water based smoke machine.</p> <p>16.4.5 A smoke ready light in the control room can be controlled by the training officer in the bedroom.</p> <p>16.4.6 The control room will have a 48" counter with storage cabinets and a 48" x 12" x5" cushion on a bench for control room operator.</p> <p>16.4.7 A 3' x 3' single hung window with a screen and mini blind.</p> <p>16.4.8 A power vent installed.</p> |
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17. DOORS -OUTSIDE

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|--|--|
| <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> | <p>17.1 Two (2) 34" entrance doors with flush handles and dead bolt locks and screen doors shall be provided.</p> <p>17.2 Both doors shall be equipped with head bump pads.</p> <p>17.3 A 7"x55" door with key lock shall be on left rear for handicap ramp storage compartment as well as a 40" x 11" door with key lock for under stairwell storage.</p> |
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18. COOLING, HEATING AND VENTILATION

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|---|--|
| <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> | <p>18.1 The unit shall be pre-wired for air conditioning.</p> <p>18.1.1 A 13,500 BTU ducted air conditioning shall be provided.</p> <p>18.2 Heat shall be provided by a 35,000 BTU Atwood #8500 forced air furnace (or comparable) ducted throughout.</p> <p>18.3 There shall be 4 power roof vents (1 in kitchen, 2 in bedroom, and 1 in living room) installed to aid in removing non-toxic smoke as well as help hold the smoke to the ceiling during training.</p> |
|---|--|

19. BEDROOM

- | | |
|--|---|
| <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> <p>___ ___</p> | <p>19.1 The bedroom shall be on the upper level with a ceiling height of approximately 51".</p> <p>19.1.1 It shall be fully carpeted with rebond pad, curtains and valances on side windows, a bed with mattress, bedspread and pillow sham, a night-stand and carpeted bench.</p> <p>19.1.2 Two (2) exhaust fans shall be roof mounted with a wall switch for on/off control allowing the instructor to monitor smoke removal.</p> <p>19.1.3 A wall switch for on/off control of a smoke activation signal in the control room shall be installed.</p> <p>19.1.4 A sliding window in the rear of the unit shall allow access to upper rear deck and escape ladder.</p> |
|--|---|

Meets Spec.

YES NO

20. ELECTRICAL 110 VOLT

- ___ ___ 20.1 A standard RV 25' single 30-amp power supply cord shall be provided for 110-volt AC power into the unit.
- ___ ___ 20.1.2 All wall receptacles shall be functional.
- ___ ___ 20.1.3 Ground fault receptacles shall be in the kitchen as well as both outside outlets.
- ___ ___ 20.1.4 Power shall be supplied through circuit breakers in a power panel.
- ___ ___ 20.1.4.1 This panel shall also contain the power converter producing 12-volt power needed.

21. ELECTRICAL 12 VOLT

- ___ ___ 21.1 12-volt power for the unit shall be provided by a 55-amp solid-state power converter by Elixir or equal.
- ___ ___ 21.2 The converter shall supply all 12-volt needs of the unit when plugged in.
- ___ ___ 21.3 The unit shall have a deep cycle battery and box to supply 12-volt power on short term when not plugged in.

22. BACK-UP BEEPER

- ___ ___ 22.1 A back-up beeper to warn others that the unit is in reverse motion shall be in place.

23. BATTERY CUT OFF

- ___ ___ 23.1 There shall be a battery disconnect switch in place that allows all 12-volt power from the battery to be shut off for storage.

24. 911 PHONE WITH CALL BACK SYSTEM

- ___ ___ 24.1 A wall phone shall be located in the living room allowing a child to experience dialing 911 and reaching (control room) a firefighter or dispatcher.
- ___ ___ 24.1.1 The system shall be hands free for the control room operator.
- ___ ___ 24.1.2 An external phone jack shall be located on the door side of the unit, allowing 911 training from outside the unit or to demonstrate the need to exit the home in a fire situation and call from a neighbor's.

25. GENERATOR COMPARTMENT

- ___ ___ 25.1 A generator Storage compartment shall be provided.
- ___ ___ 25.2 The compartment shall have an RV door with deadbolt, upper shelf, and be ATP lined.

26. OUTSIDE TV CABINET

- 26.1 A TV cabinet with outlets for outside viewing shall be provided.

27. SLIDE-OUT TV TRAY

- ___ ___ 27.1 A slide-out TV shelf in the compartment to allow the tv to be adjusted as outside light conditions change.

Meets Spec.
YES NO

28. HITCH JACK

- ___ ___ 28.1 A high torque 12-volt power tongue jack manufactured by H&H Engineering (or equivalent) shall be in place.
- ___ ___ 28.1.1 The unit shall have manual back up capability as well as 2 hookup lights.

29. GENERATOR

- ___ ___ 29.1 A Honda 4500EX (11 hp) electric start (extra quiet 61 db) generator, or equivalent, shall be provided.

30. STABILIZER JACK

- ___ ___ 30.1 Four (4) crank-down stabilizer jacks shall be frame mounted to stabilize the unit and eliminate suspension travel while occupied.

31. OUTLETS

- ___ ___ 31.1 There shall be outlets located in the following areas:
- ___ ___ 31.1.1 Five (5) in the Smoke room.5, Kitchen-3, Living room-3,
- ___ ___ 31.1.2 Three (3) in the Kitchen.
- ___ ___ 31.1.3 Four (4) in the Bedroom.
- ___ ___ 31.1.4 Two (2) Outside.

32. LIVING ROOM

- ___ ___ 32.1 The Living Room shall contain the following:
- ___ ___ 32.1.1 Windows with curtains, electric fireplace with on/off switch, carpeted benches, lights above mantle and wall mounted telephone.

33. AWNING

- ___ ___ 33.1 An 18' roll-out awning shall be provided on curb side.

34. FIBERGLASS INTERIOR WALLS

- ___ ___ 34.1 Interior wall shall be fiberglass.

35. RUBBER ROOF

- ___ ___ 35.1 The roof shall have a rubber roof system, which shall be a one-piece rubber roof material installed over 7/16 OSB board.

36. ROOF INSULATION

- ___ ___ 36.1 The roof shall have double insulation, which will be an aid for cooling in the summer by maximizing the air conditioning capacity.

37. RED ROOF STROBE

- ___ ___ 37.1 The roof shall have a red roof strobe.
- ___ ___ 37.1.1 This strobe shall be mounted to the rear of the roof and a wall switch and wiring shall be provided.
- ___ ___ 37.1.2 It will provide a 15-Amp DC circuit.

Meets Spec.

YES NO

38. COLOR CAMERA SYSTEM

- ___ ___ 38.1 A color camera system that provides 3 color cameras, a color monitor, and a sequential switcher which will allow the outside viewing TV is also ordered, the system will be connected to that TV so mom and dad can watch activities inside the Safety House.
- ___ ___ 38.1.1 This System shall include a TV/VCR to be used for outside viewing of safety tapes or on-board camera systems and shall be secured for travel to a slide-out TV shelf.

39. PA SYSTEM

- ___ ___ 39.1 A 60-Watt PA system with two outside horns and an additional outside microphone jack with all wiring shall be included.

40. WHEELCHAIR RAMP

- ___ ___ 40.1 There shall be an 8' telescoping aluminum wheelchair ramp.
- ___ ___ 40.1.1 This ramp will pin in place to allow wheelchair access to the unit and will also be called into service for loading and unloading generators.
- ___ ___ 40.1.2 There shall be a wheelchair ramp storage compartment included.

41. REFRIGERATOR

- ___ ___ 41.1 A 4.4 cu. ft. apartment size, 110-Volt refrigerator, secured for travel shall be provided.

42. HEATED DOOR

- ___ ___ 42.1 A heated door shall be included.

43. SMOKING DOOR SYSTEM FOR HEATED DOOR

- ___ ___ 43.1 A smoking door system which can be operated with a wireless remote control for a smoke machine that will enhance the effect of a fire being behind a heated door shall be included.

44. HEATED DOOR KNOB FOR HEATED DOOR

- ___ ___ 44.1 This shall allow for demonstration of finding a hot door knob on a heated door.

45. THERMOMETER FOR HEATED DOOR

- ___ ___ 45.1 A thermometer which allows the monitoring of the temperature of the heated door with controls that allow adjustment of the temperature to a level physically felt and deemed proper shall be included.
- ___ ___ 45.2 A lower level heated door which allows wheelchair bound students to experience a hot door shall be included

46. HEARING IMPAIRED SMOKE DETECTOR

- ___ ___ 46.1 A smoke alarm for the deaf, or hearing impaired to be equipped with a flashing strobe light and a very loud alert shall be installed in the bedroom.

Meets Spec.
YES NO

47. CARBON MONOXIDE DETECTOR

___ ___ 47.1 A carbon monoxide detector that will alert occupants of high levels of carbon monoxide shall be included.

48. SMOKE FLUID (additional)

___ ___ 48.1 One case of 4 gallons of water base smoke fluid for additional fluid to that comes with unit.

49. SEVERE WEATHER TRAINING PACKAGE

___ ___ 49.1 This shall provide the tools and programming necessary to teach the proper response when students are confronted with Severe Weather conditions to include a tornado simulation.

___ ___ 49.2 The Severe Weather Package shall include the following:

___ ___ 49.2.1 Multi-input studio type sound mixer with level indicator and power supply.

___ ___ 49.2.2 Four high-output wall mount cabinet speakers.

___ ___ 49.2.3 Multi-channel digital sound effect control unit.

___ ___ 49.2.4 Five speaker digital sound system.

___ ___ 49.2.5 One heavy duty down firing sub woofer.

___ ___ 49.2.6 Multi-channel sound keyed strobe light trigger unit.

___ ___ 49.2.7 Two adjustable flash rate strobe lights with brackets.

___ ___ 49.2.8 One set of sound studio produced weather alert compact disc.

___ ___ 49.2.9 One set of sound studio produced storm compact disc (thunder, wind and rain).

___ ___ 49.2.10 One set of sound studio produced thunder compact disc with lightning control.

___ ___ 49.2.11 One commercially produced severe weather education VHS tape with on screen generic weather alerts by TV personalities.

___ ___ 49.2.12 TV/VCR unit with remote.

___ ___ 49.2.13 Digital weather alert with operation on demand.

___ ___ 49.2.14 One hand held emergency lantern rechargeable with power loss flashing feature.

___ ___ 49.2.15 Blackout controls for lights during storm.

___ ___ 49.2.16 Power loss control for TV/VCR unit.

___ ___ 49.2.17 Digital program timing unit.

___ ___ 49.2.18 Roof vent close out panels as required.

___ ___ 49.2.19 One battery powered portable radio with cassette player.

___ ___ 49.2.20 All components shall be storable or secured for travel, and hard wired.

50. WIRELESS REMOTE FOR SMOKE MACHINE

___ ___ 50.1 A wireless remote to allow the smoke generator located in the control room to be activated by a remote signal.

Meets Spec.
YES NO

51. ELECTRIC LEVEL JACKS

- ___ ___ 51.1 A set of four electric level jacks which will level the unit with finger tip control.
___ ___ 51.2 Each electric jack shall have a switch built onto each jack.

52. HEAVY DUTY REAR SKID WHEELS

- ___ ___ 52.1 Heavy steel wheels welded to the rear of the frame.

53. PULL STATION WITH HORN AND STROBE LIGHT

- ___ ___ 53.1 A common pull station with a strobe light and a horn to allow students to activate the alarm and be educated in the proper procedure to use one.
___ ___ 53.2 There shall be a cut-off switch next to the alarm that will allow the instructor to shut the alarm off. The device can then be reset before the next class comes in the unit.

54. SPARE WHEEL AND TIRE

- ___ ___ 54.1 The spare tire & wheel shall be a Steel belted radial ST205x75R15 tires on a white painted mod 5 lug wheel.

55. INTERIOR LIGHTS

- ___ ___ 55.1 The interior lights shall be fluorescent throughout.

56. DELIVERY

- 56.1 Delivery shall be F.O.B Lincoln Ne. with all charges figured into the proposal.
56.2 The delivery location shall be to the Maintenance Shop located at 300 South Street Lincoln NE 68502.